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(21) International Application Number: PCT/EP97/05009 (22) International Filing Date: 11 September 1997 (11.09.97) (30) Priority Data: 96202676.1 25 September 1996 (25.09.96) EP <i>(34) Countries for which the regional or international application was filed:</i> NL et al. (71) Applicant (for all designated States except US): AKZO NOBEL N.V. [NL/NL]; Velperweg 76, NL-6824 BM Arnhem (NL). (72) Inventors; and (75) Inventors/Applicants (for US only): VERTOMMEN, Luc, Louis, Theophile [BE/NL]; Brullenweide 85, NL-6931 VJ Westervoort (NL). VAN DEN HAAK, Hendrik, Jan, Willem [NL/NL]; De Meent 11, NL-6921 SE Duiven (NL). HOPE, Peter [GB/GB]; Nethergate Cottage, 106 Gores Gate, Freshfield, Formby, Merseyside L37 7A2 (GB). LACROIX, Christine, Pascale, Mireille [NL/NL]; Piet Heinstraat 3, NL-7391 WK Twello (NL). MEIJER, John [NL/NL]; R. Heyligersstraat 18, NL-7415 ES Deventer (NL). TALMA, Auke, Gerardus [NL/NL]; Polakstraat 34, NL-7437 AT Bathmen (NL).		(74) Agent: SCHALKWIJK, Pieter, Cornelis; Akzo Nobel N.V., Patent Dept. (Dept. APTA), P.O. Box 9300, NL-6800 SB Arnhem (NL). (81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>
(54) Title: NO-COMPOUNDS FOR PSEUDO-LIVING RADICAL POLYMERIZATION <div style="display: flex; justify-content: space-around; align-items: center;"> <div data-bbox="337 1150 751 1413"> <p style="text-align: center;">(I)</p> </div> <div data-bbox="938 1203 1360 1413"> <p style="text-align: center;">(II)</p> </div> </div> (57) Abstract <p>The invention pertains to a process for pseudo-living radical polymerization's in which use is made of specific NO-compounds, called initiators, according to formula (I) or (II) wherein: R represents a group which has at least one carbon atom and is such that the free radical R. is capable of initiating the free radical polymerization of unsaturated monomers; at most five of the groups represented by X₁-X₆ are the same or different straight-chain or branched substituted or unsubstituted alkyl groups, wherein two or more of the groups may be linked to form cyclic structures, or wherein -CX₁X₂X₃ and/or -CX₄X₅X₆ are phenyl, the complementary groups X₁-X₆ are functional groups, and, X₇ and X₈ are independently selected from alkyl, aryl, alkaryl, and aralkyl, while X₇ is optionally linked with X₈ to form bridged structures. The invention further relates to certain NO compounds, (block) (co)polymers, and to a recycling process for such polymers.</p>		